

Table S3.Three-way ANOVA for the effects of nitrogen concentration (N), phosphorus concentration (P) and endophyte (E) on a chlorophyll content and root metabolic activity of *Hordeum brevisubulatum*. N×P: interaction of N and P, N×E: interaction of N and *Epichloë bromicola*; P×E: interaction of P and *E. bromicola*; N×P×E: interaction of N, P and *E. bromicola*.

Treatments	dF	Chlorophyll content		Root metabolic activity	
		F	P	F	P
N	2	34.256	<0.001	6.579	0.004
P	2	5.355	0.009	46.398	<0.001
E	1	32.346	<0.001	18.774	<0.001
N×P	4	7.314	<0.001	25.352	<0.001
N×E	2	2.042	0.145	2.319	0.113
P×E	2	2.49	0.097	14.638	<0.001
N×P×E	4	2.628	0.051	3.859	0.010